



**DESIGN**

ELV / RoHS / WEEE COMPLIANT  
 Dustproof: protection class IP54 to IEC529 (EN 60 529)  
 Flammability UL94HB  
 Storage temperature 95° C 2h

**CONTACT DATA**

Contact configuration Make contact (n/o-contact)  
 Rated voltage 24 V  
 Voltage Range 16...32 V at 20° C  
 Rated current 40 A  
 Limiting continuous current 70 A  
 23° C 50 A  
 85° C  
 Max. switching current I) 240 A  
 On 2) 40 A  
 Off 1 A at 5 V  
 Min. load typ. 10 mV, max. 300 mV  
 Voltage drop at 10 A (initial) min. 10<sup>7</sup> operations  
 Mechanical endurance (without load) 6 operations per minute  
 Max. switching rate at nominal load

1) The values apply to a resistive or inductive load with suitable spark suppression at maximum 28 V  
 2) For a load current duration of maximum 3s for a make / break ratio of 1:10

**COIL DATA**

Test voltage winding / contact 500 VACrms  
 Ambient temperature range -40 to +85° C  
 Max. switching rate without contact loading 20Hz  
 Operate time at nominal voltage typ. 7 ms  
 Release time at nominal voltage typ. 2 ms 3)  
 Bouncing time max. 1 ms  
 Switch-off voltage peak <100 V (at 24 V)

3) without external components in parallel

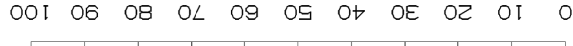
**MECHANICAL DATA**

Terminals - Pull Force max. 100 N  
 Terminals - Push Force max. 100 N  
 Cover - Pull Force max. 150 N  
 Cover - Push Force max. 150 N

**MOUNTING POSITION**

**WEIGHT**

Parts dropped in transit or during manufacture shall be treated as rejects and shall be placed in corresponding containers.  
 any  
 appr. 32 g



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<p>PROPRIETARY</p>		<p>FINISH</p>		<p>DIMENSIONS APPLY</p>	
<p>APPLICABLE SPEC.::</p>		<p>SCALE</p>		<p>PLATING</p>	
<p>TOLERANCE UNLESS SPECIFIED OTHERWISE</p>		<p>DIMENSIONS IN MM</p>		<p>WEIGHT</p>	
<p>DWG. NO. 05NOV2015 L. Sandovgl</p>		<p>DATE</p>		<p>PART NAME</p>	
<p>APP.</p>		<p>NAME</p>		<p>POWER F RELAY</p>	
<p>REV.</p>		<p>PE EVORA</p>		<p>SRF 70A Plug-in NO</p>	
<p>LOCATION</p>		<p>PE EVORA</p>		<p>PART NO.</p>	
<p>Initial Release 14DEC2015 L.Sand</p>		<p>DATE</p>		<p>V23134-J0165-X537</p>	
<p>REV. CHANGE ORDER</p>		<p>APP.</p>		<p>SHT. 2</p>	
<p>DATE</p>		<p>APP.</p>		<p>OF 2</p>	

